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- (71) Applicant (for all designated States except US): **POLY-
GANICS B.V. [NL/NL]**; L.J. Zielstraweg 1, NL-9713 GX
Groningen (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HISSINK, Catha-
rina, Everdina [NL/NL]**; Damsterdiep 193, NL-9713
EC Groningen (NL). **MEYBOOM, Ronald [NL/NL]**;
Jorissenweg 4, NL-9751 VT Haren (NL). **FLIPSEN,
Theodorus, Adrianus, Cornelius [NL/NL]**; Griffeweg
66, NL-9723 DR Groningen (NL).
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(54) Title: **BIODEGRADABLE PHASE SEPARATED SEGMENTED MULTI BLOCK CO-POLYMERS**

(57) Abstract: The invention is directed to biodegradable, thermoplastic, phase separated segmented multi-block copolymers. The copolymers of the present invention find use in various biomedical applications as well as in pharmaceutical applications. According to the invention a biodegradable, phase separated copolymer is provided, comprising segments of a soft prepolymer (A) having a T_g lower than 37°C; and segments of a hard prepolymer (B) having a phase transition temperature T_m of 40-100°C.

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INTERNATIONAL SEARCH REPORT

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PCT/NL 03/00519A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 5 202 413 A (SPINU MARIA) 13 April 1993 (1993-04-13) column 2, line 29 -column 4, line 41; examples 8,9	1,3-18, 24-28
X	MAURIZIO PENCO ET AL.: "New poly(ester-carbonate) multi-block copolymers based on PLGA and PCL-segments" MACROMOLECULAR CHEMISTRY & PHYSICS, vol. 199, no. 8, - 1998 pages 1737-1745, XP002255177 * whole document *	1,3,5-7, 10, 12-18,21

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Marsitzky, D

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Information on patent family members

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